PCT/KR2003/000544 Docket No.: 59520-00009

Docket No.

In the claims:

Please cancel claims 1-8 without prejudice. Please insert new claims 9-15 as shown below.

1-8. (Canceled)

9. (New) A composition for diagnosing diabetic retinopathy among diabetic mellitus patients by

determining the concentration of IgA polypeptide or its fragment in blood, comprising an

antibody against IgA polypeptide or its fragment.

10. (New) The composition according to claim 9, wherein IgA polypeptide comprises the amino

acid sequence described in SEQ ID NO:1.

11. (New) The composition according to claim 9, wherein the fragment comprises the amino acid

sequence described in SEQ ID NO:2.

12. (New) A detection method for diagnosing diabetic retinopathy among diabetic mellitus

patients comprising:

a) coating a solid phase with an anti-IgA antibody;

b) adding blood sample to said solid phase;

c) adding a labeled anti-IgA antibody; and

d) detecting the immunoreaction by measuring said label, wherein diabetic retinopathy is

diagnosed when the measured value is lower than a predetermined value.

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13. (New) The method according to claim 12, wherein said label is a material selected from the group consisting of horseradish peroxidase, glucose-6-phoaphaste dehydrogenase, alkaline phsphatase, beta-galactosidase, fluoroisothiocyanate, rhodamine, fluorescein, luciferase, radioisotopes and particles.

- 14. (New) The method according to claim 12, wherein said predetermined value is 400mg/dL.
- 15. (New) A kit for diagnosing diabetic retinopathy by determining the concentration of IgA polypeptide of its fragment in blood, comprising an antibody against IgA polypeptide or its fragment.